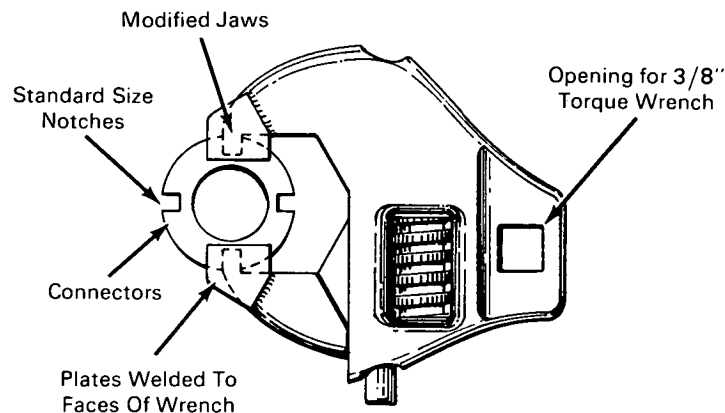


NASA TECH BRIEF



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Adjustable Wrench for Electronic Connectors



MODIFIED STANDARD CRESCENT WRENCH

A standard crescent wrench has been modified to provide a means whereby one adjustable tool can be used with all sizes of electronic connectors. Previously, because a number of different connector sizes were available and because each connector when used had to be torqued to a specific value, a considerable number of wrenches were needed to meet electronic assembly requirements. As the application of the uniformly slotted connectors increases, the desirability of a single tool for use in assembly of electronic units should be of considerable interest.

The figure illustrates a standard crescent wrench reworked for use with any size electrical connector having uniformly slotted flanges. The wrench jaws were machined to provide lugs for engaging the standard size slots on the different connectors. A square opening is provided for use by the torque wrench. Small plates have been welded to the top and bottom

faces of the wrench to prevent dropping or rocking of the wrench head during connector torquing.

Note:

No further documentation is available. Inquiries may be directed to:

Technology Utilization Officer
Marshall Space Flight Center
Huntsville, Alabama 35812
Reference: B69-10184

Patent status:

No patent action is contemplated by NASA.

Source: W. C. Johnson
of Rocketdyne,
a Division of
American Rockwell Corporation
under contract to
Marshall Space Flight Center
(MFS-18547)

Category 05